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**PATENT APPLICATION
DOCKET # 5034-0001**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Michael G. Taylor

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Serial No.: 10/728,247

Group Art Unit: Unknown

Filed: December 4, 2003

Examiner: Unknown

For: COHERENT OPTICAL DETECTION AND SIGNAL PROCESSING METHOD AND
SYSTEM

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P.O. Box 1450
Alexandria, VA 22313

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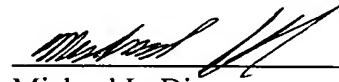
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Pursuant to 37 CFR §1.56 and in accordance with 37 CFR §§1.97-1.98 information relating to the above-identified application is hereby disclosed. Copies of each of the reference listed on the attached Form PTO/SB/08B is enclosed herewith. Certain of the reference may contain markings,

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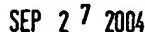
Respectfully submitted,



Michael L. Diaz
Registration No. 40,588

Dated: 9-24-04

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Approved for use through 07/31/2006. OMB 0651-0031
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Sheet 1

of 1

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| Application Number | 10/728247 |
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10/728247

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| Filing Date | 12-04-2003 |
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12-04-2003

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| First Named Inventor | Michael G. Taylor |
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| Michael G. Taylor |
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Art Unit

Examiner Name _____

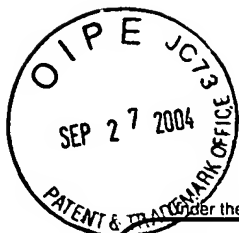
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| Application Number | 10/728,247 |
| Filing Date | 12-04-2003 |
| First Named Inventor | Michael G. Taylor |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 5034-0001 |

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-----------------------|--------------------------|---|----------------|
| | | HABBAB ET AL., "Polarization-Switching Techniques for Coherent Optical Communications," Journal of Lightwave Technology, Oct. 1988. | |
| | | ENNING ET AL., "Signal Processing in an Optical Polarization Diversity Receiver for 560-Mbit/s ASK Heterodyne Detection," Journal of Lightwave Technology, March 1989. | |
| | | ELREFAIE ET AL., "Chromatic Dispersion Limitations in Coherent Lightwave Transmission Systems," Journal of Lightwave Technology, May 1988. | |
| | | CHIKAMA ET AL., "Modulation and Demodulation Techniques in Optical Heterodyne PSK Transmission Systems," Journal of Lightwave Technology, March 1990. | |
| | | BULOW ET AL., "Electronic PMD Mitigation-from Linear Equalization to Maximum-Likelihood Detection," Optical Society of America, 2000. | |
| | | BULOW ET AL., "PMD mitigation at 10Gbit/s using linear and nonlinear Integrated Electronic Equalizer Circuits," Electronics Letters, 20 Jan. 2000. | |
| | | BRAIN ET AL., "Progress Towards the Field Deployment of Coherent Optical Fiber Systems," Journal of Lightwave Technology, March 1990. | |
| | | Agazzi ET AL., "DSP-Based Equalization for Optical Channels," Presentation at IEEE 802.3ae Meeting, New Orleans, Sept. 12-14, 2000. | |
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| Examiner Signature | | Date Considered | |
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